



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/661,518
		Filing Date	September 15, 2003
		First Named Inventor	COTE
		Group Art Unit	N/A
		Examiner Name	N/A
Sheet 1	of 2	Attorney Docket Number	4320-515

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
EP		US-4,126,544	11-21-1978	Baensch et al.	
		US- 4,181,604	01-1-1980	Onishi et al.	
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		US- 5,116,506	05-26-1992	Williamson et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
EP		DE 3544382	6/05/1987	Sekoulov et al.		
		DE 4440464	6/19/1996	Dietzmann et al.		
		JP 54-21057	2/16/1979	Doriko		

Examiner Signature	<i>Fred P.</i>	Date Considered	2/17/04
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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Attorney Docket Number	4320-515

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
FP		"Studies of a Membrane Aerated Bioreactor for Wastewater Treatment" by Dr. Michael J. Semmens and Denise Hanus, Cranfield University, June 1999.	
FP		"Nitrification and oxygen utilisation in a membrane aeration bioreactor" by Keith Brindle, Tom Stephenson and Michael J. Semmens, Journal of Membrane Science, 1998	
FP		"Bubble-free aeration using membranes: process analysis" by Pierre Côté, Jean-Luc Bersillon, Alain Huyard and Gérard Faup, Journal Water Pollution Control Federation, November 1998.	
FP		"Bubble-free aeration using Membranes: Mass Transfer Analysis" by Pierre Côté, Jean-Luc Bersillon, Alain Huyard, Journal of Membrane Science, 1989.	

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